

Notice of Allowability

Application No.

10/660,782

Examiner

Abdukader Muhammed

Applicant(s)

HAN, GYOO MIN

Art Unit

2627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed on 05 April 2007.
2. ☒ The allowed claim(s) is/are 1,3,5-16 and 20-23.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

WAYNE YOUNG
SUPERVISORY PATENT EXAMINER

Detailed Action

1. The amendment filed on 05 March 2007 has been considered. Claims 2, 4, and 17-19 have been canceled. New claims 21-23 have been added. Claims 1, 3, 5-16, and 20-23 remain in the application.
2. Applicants' amendment overcomes the objections to the claims the rejections that were made under 35 USC 102 and 103. Claims 1, 11, and 20, the independent claims, are amended to incorporate allowable subject matter that is not taught or disclosed by any of the references on file singly or in combination.

Reasons for Allowance

3. The following is an examiner's statement of reasons for allowance:

The prior art of record failed to teach setting and storing reproduction modes (first/once, until changed by the user) and *check every disk loaded against this reproduction mode* and reproduce the disk according to the stored reproduction mode if the disk has a corresponding reproduction mode. If the disk does not have corresponding reproduction mode the *default reproduction mode of the disk itself (as shown in figure 3 of the instant invention)* will be executed. The prior arts disclose, every time any disc is loaded, the displaying of the disk's reproduction mode for the user to select rather than using the prior stored reproduction mode. In case of Hrayama et al. (US 6,128,434) after a history data is accumulated (see column 13, lines 1-11), this reproduction mode is used for a subsequent number of disks without displaying reproduction mode for selection, but they do not specifically show checking the history data stored if it matches with the disk reproduction mode (checking if the disc has a corresponding

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reproduction mode). The instant invention does not require user interaction once its reproduction mode is set and stored, i.e. it plays any disk loaded according to the stored reproduction mode or the default reproduction mode of the disk until changed by the user. A related prior art Cookson et al. (US 6,771,888 B1) disclose in figure 5A reproducing according to the default reproduction mode if the menu key is not operated rather than reproducing in default mode after checking if the corresponding mode is present in the disk or not. Kim et al. (US 2003/0039472 A1) also discloses a reproduction method of a disc that can reproduce subsequent discs according to the stored reproduction mode (for subtitle language only) but fails to show comparing the stored reproduction mode with the reproduction mode of the disc and when there is mismatch, reproducing according to the default reproduction mode of the disk

Any comments considered necessary by the applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Abdukader Muhammed whose telephone number is (571) 270-1226. The examiner can normally be reached on Monday-Thursday 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wayne Young can be reached on (571) 272-7582. Customer Service can be reached at (571) 272-2600. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

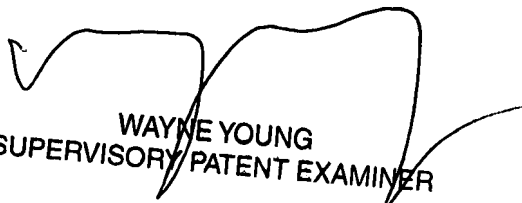
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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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14 June 2007


WAYNE YOUNG
SUPERVISORY PATENT EXAMINER